

***huBUB3* GENE INVOLVED IN HUMAN CANCERS**

**ABSTRACT OF THE DISCLOSURE**

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Methods are provided for assessing mutations and/or loss of the *huBUB3* gene in human tumors. Loss of wild-type *huBUB3* genes is involved in neoplastic development. Therapeutic regimens can be planned on the basis of the mutational status of *huBUB3*.